**Algebra II Name:**

**1.7 Function Notation Date:**

**Warm Up**

1. Please take out your homework to be checked, along with any class supplies. Write down your homework assignment from the white board.
2. Determine the value of the **output (y)** in the following function equations:

|  |  |
| --- | --- |
| when | when |
| when | when |
| when | when |

**Algebra II**

**1.7 Notes**

**Objective:**

**Different Names for Input and Output**

|  |  |
| --- | --- |
| Input | Output |
|  |  |
|  |  |
|  |  |
|  |  |

**Function Notation**

**Determining the Output in Function Notation**

****

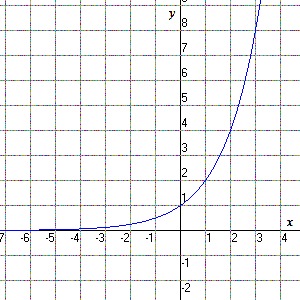
**Determining the Input in Function Notation**

****

Find when Find when

**Determining Inputs and Outputs on a Graph Using Function Notation**

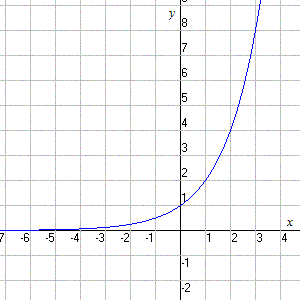
|  |
| --- |
|  |
|  |
|  |
| **The value of when** |
| **The value of when** |
| **The value of when** |



**Algebra II Name:**

**1.7 Class Work Date:**

|  |  |  |  |
| --- | --- | --- | --- |
| f(x) = 3 + 5x  g(x) = x2 + 5x - 8 | f(4) | g(2) | f(-1) |
| g(3) | f(0) | g(a) |
|

**2.** Given this graph of the function f(x):

Find:

**a.** f(0) =

**b.** f(2)

**c.** f(3)

**d.** x when f(x) = 6

**e.**  x when f(x) = 2

**Algebra II Name:**

**1.7 HW - Function Notation Date:**

